UB-2808 One Zone RF Wireless LED RGB Controller User Manual

Remote: UB-2808 Receiver: UB-1004TA Receiver: UB-1004TA3

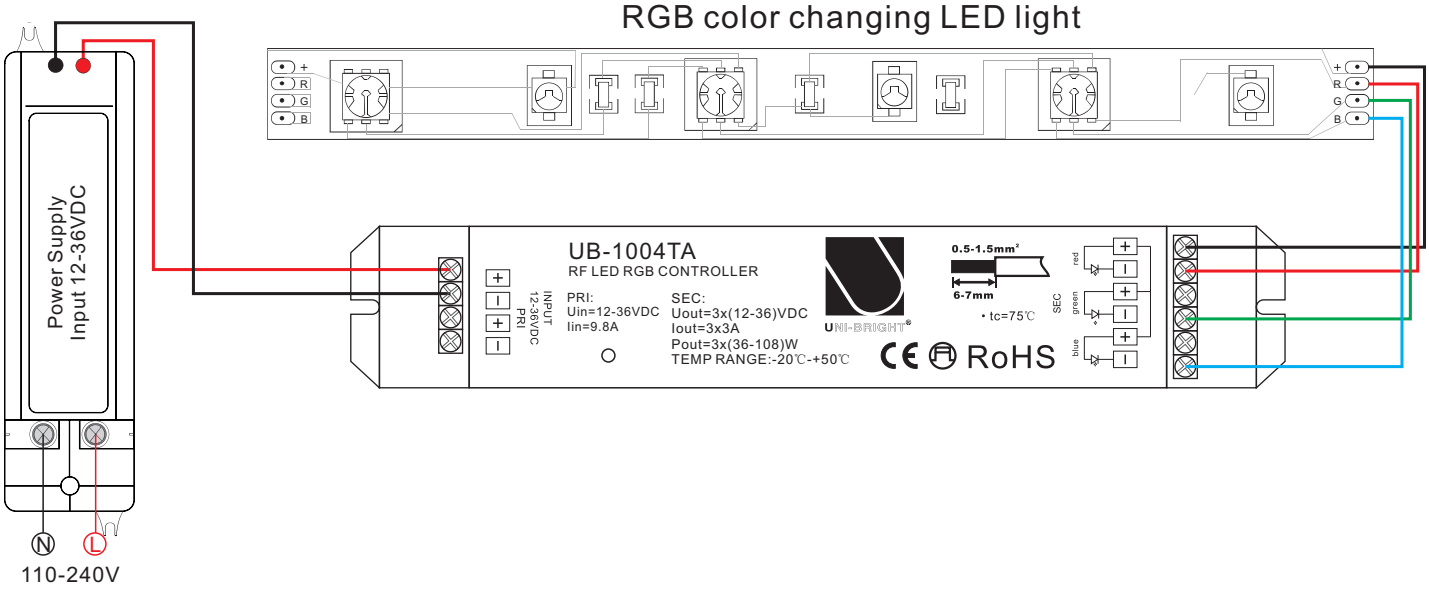
1.Product introduction

UB-2808 and its receiver is a one zone RF wireless RGB controller. 1 remote UB-2808 can control an endless number of receivers synchronously. All receivers will share the same ID address, can also work with data repeater to expand output unlimitedly.

2.Performance Parameter

2.1 Remote: (UB -2808) Operation voltage: 3VDC Cr2025 Battery
Operation frequency: 434MHZ / 868MHZ
2.2 Receiver: (UB-1004TA,UB-1004FA,UB-1004EA,UB-1004TA3,UB-1004TA7)
UB-1004TA: 12-36VDC input, 3 channels x 3A, constant voltage, 3 channels x (36-108)W
UB-1004TA3:12-36VDC input, 3 channels x 350mA, constant current,
3 channels x (4.2-12.6)W

3.Wiring diagram



4.Operation Manual

After you have wired all the receivers according to Figure illustration you need to do the following:

1. Pull off the plastic film cover of the battery at the back of remote.

2. Master receiver learning: short press the Learning Key on the receiver, and then immediately press the ⏻.Once you do that, the LED lights will blink once.

Slave receiver learning: short press the Learning Key on the receiver, and then immediately press the any button on the remote except ⏻.

Why should there be 2 methods of learning?

When one remote is being used to control multiple receivers that are working together simultaneously after some time in operation they may lose synchronously. The receiver which is done the master learning will synchronize all slave receivers automatically.
Notice: there can be only one master receiver, all the others be slave receivers.

Button Instructions:
⏻: short press to turn ON/OFF; long press for 3 seconds to reset.

M: 10 built-in dynamic color changing modes; short press to get a dynamic mode, press again to pause to have a static color, press again to get a next dynamic mode.....

C1 S- C2 S+: C1 and C2 works only at static modes; short press C1 to get 10 solid colors-red/orange/yellow/green/cyan/blue/purple/warm white/natural white/cold white; long press C2 to get a R-G-B slow changing mode, just like using a color wheel .

S- and S+ works only at dynamic color changing modes; short press S- and S+ for speed down and speed up. R- R+ G- G+ B- B+ are micro color change buttons, under static color status, by short pressing them, you can fine tune any color to achieve thousands of colors.